

TORO 25 VIOLET system consists of monolayer pipes made of PP-R, Random Copolymer Polypropylene, with additives to increase resistance to low pH and high level of alkalinity.

TORO 25 VIOLET pipes are marked by violet lines that allow easy identification of the product in installations.

TORO 25 VIOLET range allows to quickly create lightweight, safe and high-performance systems, in full compliance with the requirements of UNI EN ISO 15874-2-5 and DIN 8077-78, and with international standards for recycled water transport systems. Therefore, it can be used for a variety of applications: non-human domestic use, emergency water supply, etc. (TORO 25 VIOLET is not suitable for drinking water transport).

TORO 25 VIOLET pipes are perfectly compatible with all TORO 25 accessories.

The range includes PN10 pipes with SDR11.



APPLICATION FIELDS



household use not in contact with the person



agriculture / irrigation systems



fire water recovery systems

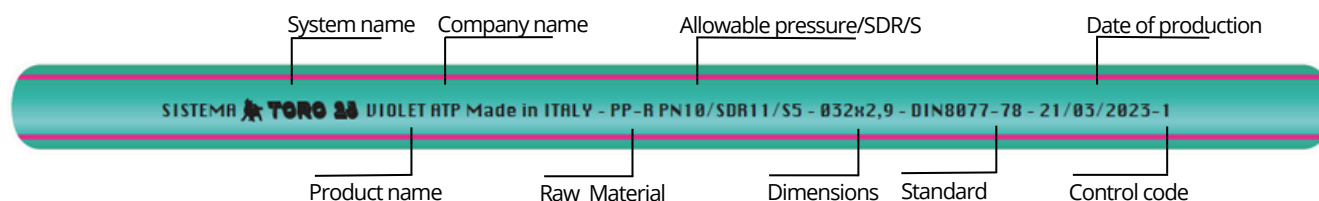


rainwater recovery

ADVANTAGES

- non-toxic materials
- easy installation
- lightness
- durability
- efficiency and versatility
- no noise and vibration
- safety against frost
- safety against corrosion
- safety against abrasion and deposits
- safety against condensation and heat loss
- safety against stray currents
- 100% recyclable (Green Building Product 🌱)

MARKING



WELDING TECHNIQUES



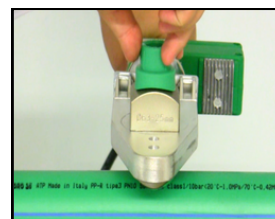
socket welding



butt welding



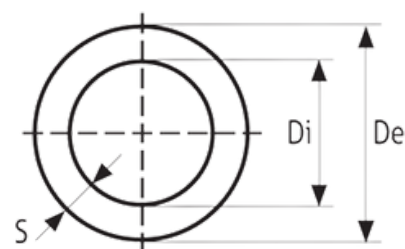
electrofusion



saddle welding

DIMENSIONS

SDR	Article	De mm	Di mm	Wall Thickness (S) mm	Weight Kg/m
PPR - PN10 - SDR11 / S5					
11	TUB 20 A10 V	20	15,8	2,1 (+0,4)	0,112
	TUB 25 A10 V	25	20,0	2,5 (+0,5)	0,168
	TUB 32 A10 V	32	26,2	2,9 (+0,5)	0,269
	TUB 40 A10 V	40	32,6	3,7 (+0,6)	0,415
	TUB 50 A10 V	50	40,8	4,6 (+0,7)	0,643
	TUB 63 A10 V	63	51,4	5,8 (+0,8)	1,015
	TUB 75 A10 V	75	61,4	6,8 (+0,9)	1,440
	TUB 90 A10 V	90	73,6	8,2 (+1,1)	2,030
	TUB 110 A10 V	110	90,0	10,0 (+1,2)	3,080
	TUB 125 A10 V	125	102,2	11,4 (+1,4)	3,910



PHYSICAL-MECHANICAL CHARACTERISTICS

Hygienic compatibility: Thermal transmission coefficient: Coefficient of thermal expansion: Fire resistance classification: Internal roughness: Welding system: Pipe structure: Material: Finish: Color: Supply:	supply of drinking water and food fluids for human consumption $\lambda = 0,15 \text{ W/m}^\circ\text{C}$ $\alpha = 0,15 \text{ mm/m}^\circ\text{C}$ E (UNI-EN ISO 13501-1:2007) $\mu = 0,0020 \text{ mm}$ thermofusion; electrofusion monolayer PP-R 100 matt light green with four coextruded violet lines 4 m rods in sacks
Compatibility with all TORO 25 system PP-R fittings	

For technical and installation warnings, please consult the official catalogue

STANDARD

DIN 8077 / 8078 / 16962
DVS 2207 / 2208
EN ISO 15874-2-3-5
EN ISO 15494
SGBP 2018-1968

RINA-ASTM D 635:2010
UNI EN 11861-15:2003
ISO 8795:2001
ASTM D 2444:2010

CERTIFICATIONS

